

MINI SWEEPER

# LS175

The "must-have" mini  
sweeper for your fleet



 **Madvac®**

Sourcewell   
Formerly NJPA

 **canoe**  
procurement group of canada

awarded contract vendor

[www.madvac.com](http://www.madvac.com)

*Technical specs are subject to change without prior notice*



# Specifically designed to handle all the areas your large street sweeper can't access or manage

- Sidewalks
- Bike & pedestrian lanes
- Parking lots
- Curb side
- Alleys
- Pathways
- Alongside buildings
- Public markets



## LS175 is the ultimate sweep / vacuum / wash mobile cleaning unit for

- Cities and municipalities
- Outdoor cleaning contractors
- Airports & seaports
- Transit authorities
- Healthcare services
- Distribution centers
- Shopping malls
- Educational & sports facilities
- Manufacturing facilities
- Amusement parks
- Casinos
- Military
- Correctional facilities





# Key Attributes

- LS175 is the ONLY 48" wide closed cabin high-dump sweeper manufactured in North America. Everything is built according to North American standards;
- In the category 1.5 to 2 cu.yd. hopper capacity, LS175 is the lowest priced compact sweeper on the market;
- OEM spare parts shipped within 48 hours;
- 10 to 12 year lifespan will outlast most competitive models;



- A CDL permit is not required to operate this machine;
- Fully street legal lighting - safe and easy to use;
- For maintenance, LS175 offers unprecedented easy access to all critical components of the machine; (electrical box, manifolds, spool valves)
- Madvac has a 30+ years track record of success - when your machine is due for replacement we'll still be around.

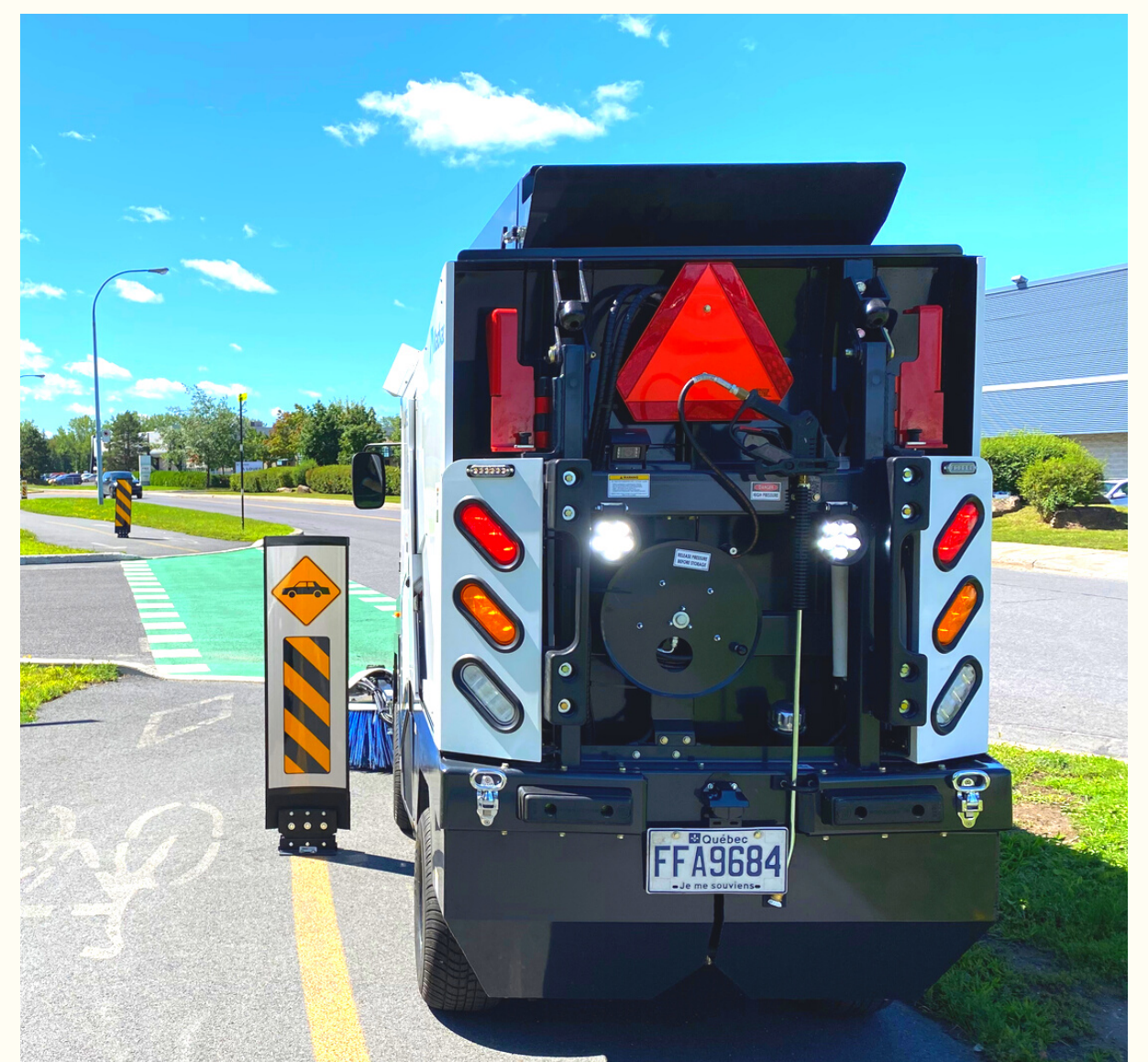


## Built to suit your needs

*Configure the LS175 according to your specific requirements*

- Stowed retractable wander hose
- Pressure washer gun
- Electric windshield defrost
- Heated mirrors
- Radio + CD + MP3 player system
- Fire extinguisher
- Tire flatproofing

**To request a quote [www.madvac.com](http://www.madvac.com)  
Diesel / Gas -> LS175 -> Request a quote**







# Madvac LS175

## Data & Performance Information

Capacities	
Fuel tank	21.1 gal. (80 L)
Hydraulic system	23.7 gal. (90 L) ISO46
Litter capacity	1.75 cu. yd. (1.34 m3) (353 gal.)
Engine Data	
Model	Hatz Tier 4 Final engine 3H50TIC 3 cyl. turbo with CAC/DOC only Bosch controller with in-cab troubleshooting switch and light
Displacement	91.54 cu. in. (1500 cc)
Gross rated power	58.5 HP (44.0 kW) @ 2800 RPM
Air cleaner	Donaldson 2-stage filtration system
Litter Collection System	
Type	3-stage filtration process - water, rotary filter, bag (or cartridge)
Frame / body	Triangular frame tubing for engine 0.25" (6.35 mm) / 13 gauge fully welded / reinforced steel
Container material	Stainless steel
Dumping height	67 in. (1702 mm)
Container payload	2000 lbs (907 kg)
Power wash	Pressure washer 1800 psi (optional)
Vacuum System	
Vacuum rating	2000 CFM
Remote vacuum	4 in. (101 mm) X 15 ft. (4.57 m) stowed wander hose (optional)
Traction	
Drive	Rear wheel drive fully controlled by electric pedal
Forward speed	15 mph (24 km/h)
Tires	Radial 225 R 12 on all 4 wheels
Brakes	Front hydraulic standard brakes; rear hydrostatic brakes; rear mechanical parking disk brakes
Gradeability	11.3 deg. (20%)
Curb weight	Dry 5500 lbs (2495 kg)
Suspension	
Front	Two coil springs / heavy duty shock absorbers
Rear	Two coil springs / heavy duty shock absorbers on axel

Sweep Gear	
Brushes	Two brushes (independently joystick controlled) 25 in. (635 mm) diameter each polypropylene
Sweeping width	From 44 in. (1118 mm) to 80 in. (2032 mm)
Pickup nozzle	Electric raise/lower with polymer skate and wheels
Brush speed	0 RPM to 150 RPM
Brush arm	Floating and adjustable
In-cab	Brush speed & down pressure
Electrical	
Lighting	2 headlights; 2 hazard lights; 4 work lights; 4 strobe lights; side panel light; brakes, turn, reverse signals, SMV sign
Instruments	Hour meter, fuel gauge, no water indicator, brake indicator, left turn signal, engine oil indicator, battery indicator, engine temperature indicator, right turn signal, glow plug indicator, engine maintenance required
Cab	
Cab	200-degree cab vision
Windshield	Full windshield laminated glass
Windows	Full ventilation, pivoting side windows that open each side
Light	Interior dome light
Heating / AC	HVAC unit
Defrost	Windshield heated micro filament (optional) Heated mirrors (optional)
Seat	Adjustable suspended air seat with 3-point seat belt
Dimensions	
Width	48 in. (1219 mm)
Length	136 in. (3454 mm)
Height	86 in. (2184 mm) for bag filtration system 88 in. (2235 mm) for cartridge filtration system
Wheelbase	65 in. (1651 mm)
Ground clearance	8.5 in. (216 mm)
Hydraulic System	
Drive system	Heavy duty hydrostatic drive with infinite movement engine following RPM with anti-stall



Proud manufacturer of the Madvac product line

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